Pentagon™ 3P70 Series Mortice Locks

Pentagon™ 3P70 Series Mortice Locks Overview

Application

A comprehensive range of high security cylinder mortice locks and latches providing the latest in design and functionality. Suitable for heavy duty use in industrial and commercial buildings, institutions, clubs, schools, hospitals, hotels and similar buildings.

Benefits

- Ability to change lock function and handing without removing the lock from the door
- Easy in-door commissioning
- One universal cylinder cam performs all locking functions
- Australian made
- Requires only 35 degrees of lever rotation to fully retract latch and deadlatch

Features and Specifications

Australian designed and manufactured, the 3P70 Series Cylinder Mortice Locks are made from high quality materials to meet high durability and strength requirements.

Face Plates

- 2.5mm stainless steel face plates
- Brass face plates provided for plated finishes

Case

- Galvanised steel for increased strength and corrosion protection

Backset

- 60mm standard backset
- For extended backsets (89 and 127mm) refer to Synergy 3570 Series Mortice Lock Ordering Procedure

Latchbolts

- Latchbolts are 15mm, stainless steel.
- Deadlatching is achieved by a stainless steel auxiliary bolt

Strike Plate

- Universal 1.5mm stainless steel strike

Springs

- High grade spring steel material, corrosion protected

Cylinder Retaining Pin

- Hard-drawn spring steel wire, corrosion protected. Uses "slip pin" method

Door Thickness

- 32mm to 50mm

Accessories to accommodate thicker doors are available.

Door Clearance

To ensure correct functioning of the deadlatching mechanism and security for all locks, the clearance between the door and the frame should be 3mm.

Aluminium Doors

Aluminium door accessory packs are available upon request. Specify 3P72-AF01SS for mounting tabs accessory pack.

Standards

S8 HIGH SECURITY

Conforms to level S_L8 Australian Lock Standard (AS4145.2-2008) when fitted with door furniture and anti drill cylinder.

D8 DURABILITY

Exceeds level D8 (Durability) Australian Lock Standard (AS4145.2-2008).

ANTI-CORROSION

All 3P70 Series locks meet C6 (168 hrs) Australian Lock Standard (AS4145.2-2008).

FIRE RATED

Lockwood 3P70 Series Mortice Locks have been successfully tested up to four hours (depending on type of doorset) on fire door assemblies in accordance with Australian Standard AS 1905.1-2005, Part 1: Fire Resistant Doorsets.

Cylinder

Bump resistant five pin tumbler mechanism. Standard Lockwood oval shaped brass cylinders and brass barrels.

Unique universal cam drives all lock functions. Turn adaptors may be required depending on function.

Extended Cylinders

Modular cylinder extensions are available for various door thicknesses.

Keying

Standard Keying

- Supplied individually keyed with two keys per cylinder
- 78000 key combinations

Restricted Special Keying

Lockwood locks can be keyed to a number of controlled and/or specially keyed systems. These range from legally protected keys to protect against unauthorised duplication and can also include specially designed keying systems such as master key systems. This allows for different levels of mechanical access control.

Please refer to assaabloy.com.au for keying systems or contact your local sales office or customer service for specific information.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Rebate

Rebate kits to suit 13mm standard rebate are available.

Electric Strikes

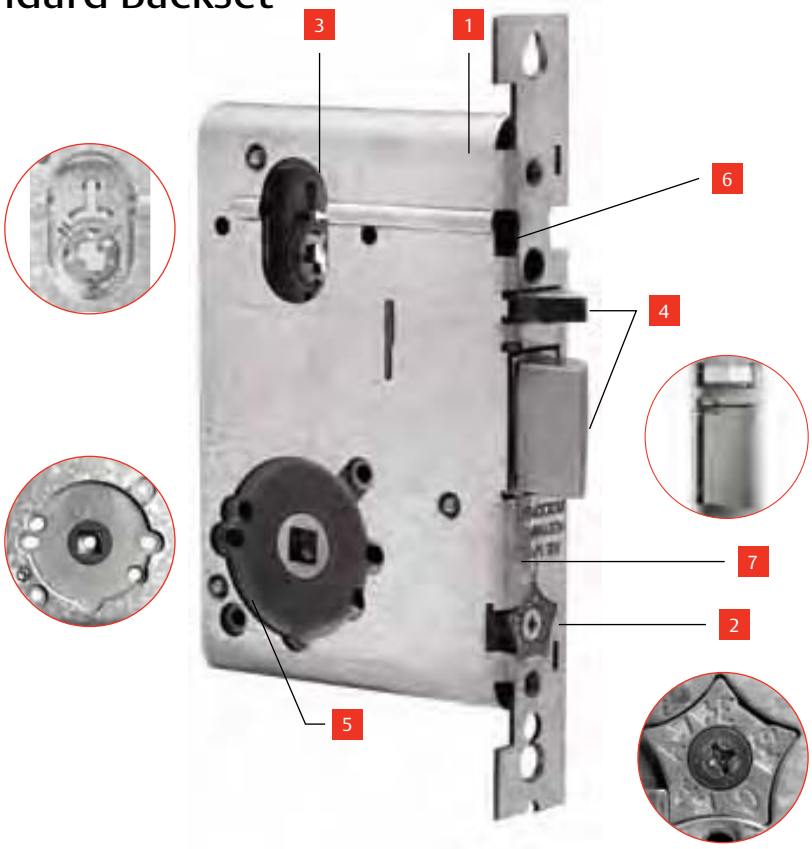
ASSA ABLOY offers a wide range of electric strikes which are compatible with the Lockwood 3P70 Series Mortice Locks. Refer to lockweb.com.au for further information.

Service Manual

To download a copy of the Pentagon Series Service Manual visit lockweb.com.au

Commercial Mortice Locks

Pentagon™ 3P70 Series Standard Backset



1. Universal Multifunction Lock

Lock is designed to reduce stock line items.

All functions can be achieved using the primary lock body and adjusting the Pentagon hub selector, cylinder function selector and adding turn adaptors as required.

2. Hub Selection

Hub settings are conveniently adjustable via the Pentagon hub selector on the fore end of the mortice lock.

Choose from Escape, Anti-lockout or Combination.

Escape – allows for single downward action egress

Anti-lockout – provides single downward action egress, and the "kick-off" feature prevents accidental lockouts by unlocking the outside handle when the door is closed or operation of the inside handle.

Combination – allows both outside and inside handle to be locked.

Hub settings can be changed after installation without removing the lock from the door.

3. Cylinder Function Selection

One universal cylinder cam will work all lock functions (Cylinder cam changes are no longer required).

Simply select locking or latching mode using the function selection tool supplied with the lock.

Functions can easily be changed once the lock is installed in the door, if required.

Uses standard Lockwood oval shaped (570) brass cylinders and barrels.

Through fixing holes are provided in the lock case for cylinder and turnknob escutcheons (41mm screw pitch).

4. Latch Bolt

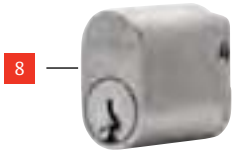
Reversible for both left and right hand doors opening in or opening out without removing lock from the door. Simply remove face plate from lock, pull latch bolt away from the lock and rotate for to suit inward or outward opening door.

Note: Handing is always viewed from external side of door.

Radiused latch bolt for smoother operation and increased deadlatching throw.

Separate auxiliary bolt moves into lock case simultaneously with latch bolt.

Bolt – stainless steel fire rated to four hours as standard.



5. Furniture

- Independent furniture hubs to suit Australia/ New Zealand standard 7.6mm split spindle
- Elongated rose furniture holes fixing holes to accept 38-41mm screw pitch
- 35 degrees of lever rotation required to fully retract latch and auxiliary bolt

6. Cylinder/Adaptor Retention

"Slip Pin" Cylinder/Adaptor fixing method, which allows attachment to the case by inserting a non-threaded cylindrical pin through the front of the lock case.

7. Case Assembly

Galvanised steel case and backplate provides high strength, durability and anti corrosion protection to suit the toughest applications.

8. Cylinder Assembly

Bump Resistant five pin tumbler mechanism. Standard Lockwood oval shaped brass cylinders and brass barrels. One universal cam will work all lock functions.

Commercial Mortice Locks

Pentagon™ 3P70 Nightlatches

AUSTRALIAN MADE

Various latching functions operated by a key outside and by a turnknob or key inside. The nightlatch locks automatically when the door is closed.

Nightlatch functions are suitable for applications such as switchboards, risers, cupboards and gates.

For all nightlatch functions specify the primary lock (3P70SS). This lock can be easily adapted to suit function required whilst the mortice lock is installed in the door.

Features and Specifications

Latch

Deadlatch only.

Furniture

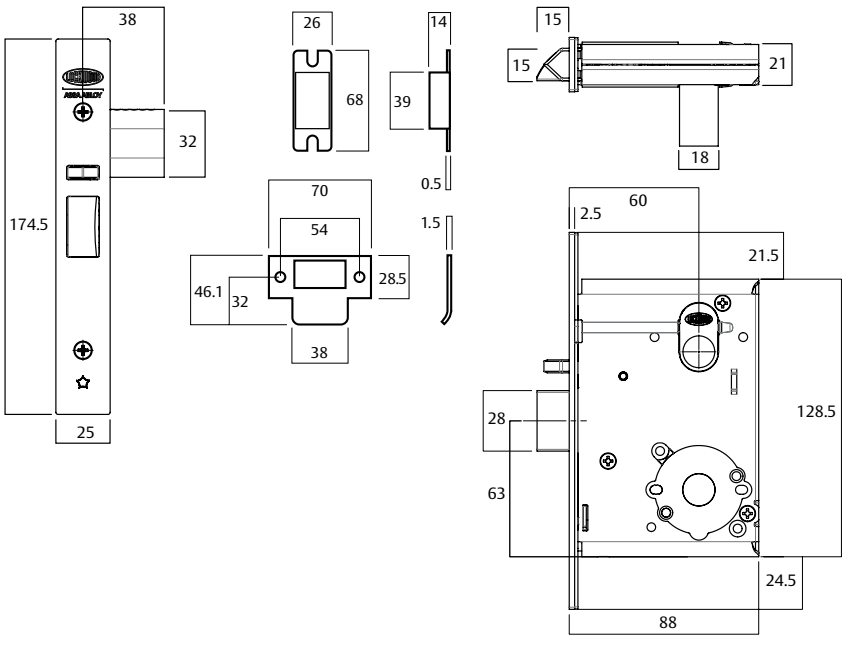
Compatible with all Lockwood cylinder escutcheons, turnknobs and plate furniture. Refer to lockweb.com.au.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes	
3P70	Nightlatch Primary Lock Body
3P70T	Nightlatch Primary Lock Body with Standard Turnknob Adaptor

Note: Cylinders must be purchased separately.



Commercial Mortice Locks

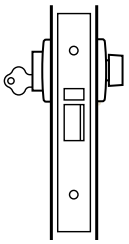
Pentagon™ 3P70 Nightlatches

Nightlatch

Cylinder and Turnknob. Reversible.

3P70TSS-C22E#

Outside: Opened by key.
Inside: Opened by turnknob.



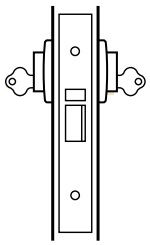
Nightlatch

Communicating Door Latch

Double Cylinder.

3P70SS-C22D

Outside: Opened by key.
Inside: Opened by key.



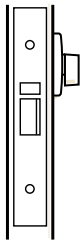
Communicating Door Latch

Exit Door Latch

Turnknob Inside.

3P70TSS-C22N#

Inside: Opened by turnknob.



Exit Door Latch

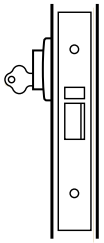
Cylinder Latch

Single Cylinder.

3P70SS-C22E#

Lockset may be installed with cylinder either inside or outside.

Outside/Inside: Opened by key.



Cylinder Latch

Note: # indicates left (L) or right (R) handing.

Pentagon 3P70 Primary locks do not contain a Pentagon hub setting. The settings in the above part numbers apply when a Pentagon 3P72 Primary lock is being used to perform Nightlatch functions.

Commercial Mortice Locks

Pentagon™ 3P72 Universal Locks

These locks have various latching functions which can be operated by key or handle outside and by turnknob, key or handle inside.

For ease of selection specify primary lock (3P72SS). This lock can then be easily adapted to suit function required without removing the lock from the door, by adjusting the Pentagon hub selector, and cylinder function selector.

These locks have various latching functions which can be operated by key or by a handle inside.

Features and Specifications

Furniture
Compatible with Lockwood rose and plate furniture including Brass Door Furniture, Daintree, Robert Watson, Artefact Series II and Ovation Series. Refer to lockweb.com.au for further details.

35 degrees of lever rotation required to fully retract latch and auxiliary bolt.

Elongated rose furniture fixing holes to accept 38 - 41mm screw pitch.

Includes through case fixing holes for cylinder and turnknob escutcheons.

Aluminium Doors

For aluminium doors add 3P72-AF01SS for mounting tabs accessory pack and fabricator face plate.

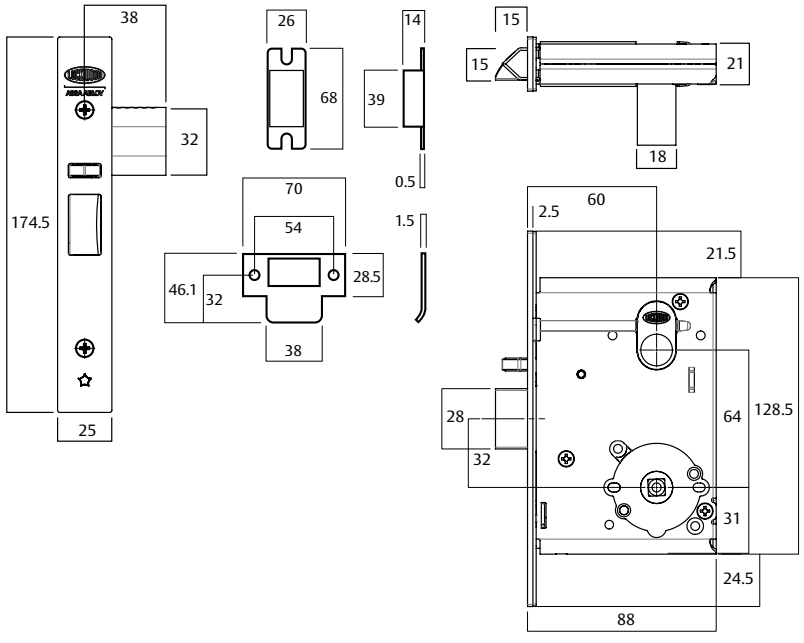
Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes

3P72	Universal Primary Lock
3P72T	Universal Primary Lock with Standard Turn Adaptor
3P72E	Universal Primary Lock with Emergency Turn Adaptor
3P72V	Universal Primary Lock with Anti-Vandal Turn Adaptor

Note: Cylinders must be purchased separately.



Commercial Mortice Locks
Pentagon™ 3P72 Universal Locks

Escape Locks
Allow for single downward action egress in compliance with Building Codes.

Storeroom Lock

Cylinder Outside.

3P72SS-E23E#

Lock Outside: Opened by key. Handle is always rigid.
Inside: Opened by handle at all times.

Classroom and Office Lock

Cylinder Outside.

3P72SS-E11E#

Outside: Opened by handle except when handle is made inoperative by key from outside. Key locks or unlocks outside handle.
Inside: Opened by handle at all times.

Anti-Vandal Classroom and Office Lock

Cylinder Outside.

3P72VSS-E11E#

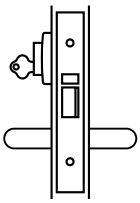
Outside: Opened by handle except when handle is locked by key from outside. Key locks or unlocks outside handle. Key can also retract latch.
Inside: Open by handle at all times.

Entry Door Lock

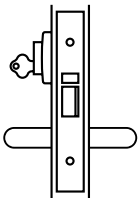
Cylinder and Turnknob.

3P72TSS-E21E#

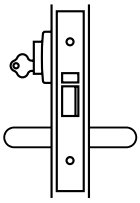
Outside: Opened by key at all times. Opened by handle except when handle is locked by turnknob inside.
Inside: Opened by handle at all times. Turn knob locks or unlocks outside handle.



Storeroom Lock

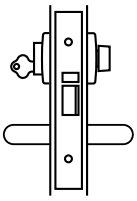


Classroom and Office Lock



Anti-Vandal Classroom and Office Lock

Note: Anti-Vandal Adaptor allows latchbolt to be retracted by key if handle has been rendered inoperative.



Entry Door Lock

Note: # indicates left (L) or right (R) handing.

Pentagon™ 3P72 Universal Locks

Escape Locks

Allow for single downward action egress in compliance with Building Codes.

Double Cylinder Escape Lock

Double Cylinder.

3P72SS-E21D#

Outside: Opened by key at all times. Opened by handle except when handle is locked by key from inside.
Inside: Opened by handle at all times. Key locks or unlocks outside handle.

Single Cylinder Exit Door Lock

Cylinder Inside.

3P72SS-E11I#

Outside: Opened by handle except when handle is locked by key from inside.
Inside: Opened by handle at all times. Key locks or unlocks outside handle.

Exit Door Lock

Turnknob Inside.

3P72TSS-E11N#

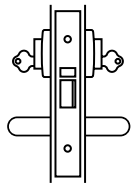
Outside: Opened by handle except when handle is locked by turnknob from inside.
Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.

Exit Door Lock

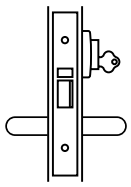
Exit Function only.

3P72SS-E30N#

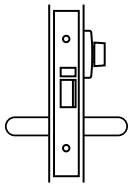
Outside: Handle is always rigid.
Inside: Opened by handle at all times.



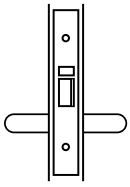
Double Cylinder Escape Lock



Single Cylinder Exit Door Lock



Exit Lock



Exit Lock

Note: # indicates left (L) or right (R) handing.

Pentagon™ 3P72 Universal Locks

Anti-Lockout Escape Locks

Allow for single downward action egress and the "kick-off" function prevents accidental lockouts by unlocking the outside handle when the door is closed or operation of the inside handle.

Anti-Lockout Escape Lock

Cylinder and Turnknob.

3P72TSS-A11E#

Outside: Opened by handle except when handle is locked by key from outside, or by turnknob from inside. Key locks or unlocks outside handle.
Inside: Open by handle at all times. Turnknob locks or unlocks outside handle.
Anti-lockout: Closing the door or operation of inside handle will "kick-off" the locking feature, allowing the outside handle to become operative.

Anti-Vandal Entry Door Lock

Cylinder Outside and Turnknob.

3P72VSS-A11E#

Outside: Opened by key at all times. Opened by handle except when handle is locked by key from outside or turnknob from inside.
Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.
Anti-lockout: Withdrawing the latch bolt by key, closing the door or operation of inside handle will "kick-off" the locking feature, allowing the outside handle to become operative.

Anti-lockout Privacy Escape Lock

Emergency Button and Turnknob.

3P72ESS-A11N#

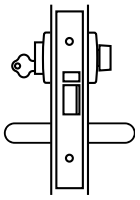
Outside: Opened by handle except when handle is locked by turn knob from inside. Handle may be unlocked from outside by coin or screwdriver by operating the slotted emergency button.
Inside: Opened by handle at all times. Turn knob locks or unlocks outside handle.
Anti-lockout: Closing the door or operation of inside handle will "kick-off" the locking feature, allowing the outside handle to become operative.

Passage Latch

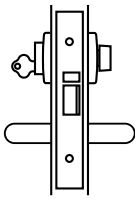
No Locking Function.

3P72SS-A00N#

Outside: Opened by handle.
Inside: Opened by handle.

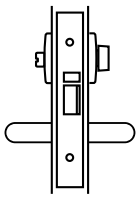


Anti-Lockout Escape Lock

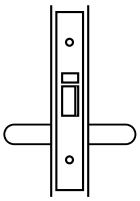


Anti-Vandal
Entry Door Lock

Note: Anti-Vandal Adaptor allows latchbolt to be retracted by key if handle has been rendered inoperative.



Anti-lockout Privacy
Escape Lock



Passage Latch

Note: # indicates left (L) or right (R) handing.

Combination Locks

Allow both inside and outside handles to be locked.

Privacy Lock

Emergency Button and Turnknob.

3P72ESS-C11N#

Outside: Opened by handle except when handle is locked by turnknob from inside. Emergency turnknob locks or unlocks both handles.
Inside: Opened by handle except when handle is locked by turnknob from inside. Turnknob locks or unlocks both handles.

Office Lock

Cylinder and Turnknob.

3P72TSS-C11E#

Outside: Opened by handle except when handle is locked by key from outside or by turnknob from inside. Key locks or unlocks both handles.
Inside: Opened by handle except when handle is locked by key from outside or turnknob from inside. Turnknob locks or unlocks both handles.

Glass Entry Door Lock

Double Cylinder.

3P72SS-C21D

Outside: Opened by key at all times. Opened by handle except when handle is locked by key from inside.
Inside: Opened by handle except when handle is locked by key from inside. Key locks or unlocks both handles.

Double Cylinder Glass Door Lock

Double Cylinder.

3P72SS-C11D

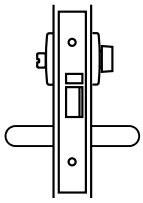
Outside: Opened by handle except when handle is locked by key from either side. Key from either side locks or unlocks both handles.
Inside: Opened by handle except when handle is locked by key from either side. Key from either side locks or unlocks both handles.

Glass Door Lock

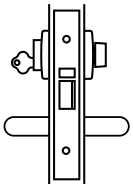
Cylinder Outside.

3P72SS-C11E#

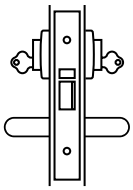
Outside: Opened by handle except when handle is locked by key from outside. Key locks or unlocks both handles.
Inside: Opened by handle except when handle is locked by key from outside.



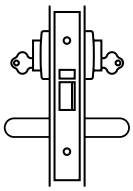
Privacy Lock



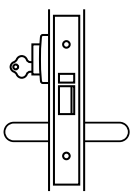
Office Lock



Glass Entry Door Lock



Double Cylinder Glass Door Lock



Glass Door Lock

Note: # indicates left (L) or right (R) handing.

Commercial Mortice Locks

Pentagon™ 3P77 Dual Entry Deadlatch

AUSTRALIAN MADE

Designed to enable emergency and utility services to enter specific areas by second cylinder without giving access to all locksets in the building and the ability to lockout keys with restricted access at certain times.

Features and Specifications

Furniture
Select from Lockwood 1800, 2800 or Artefact Series II ranges. Refer to lockweb.com.au for further details.

Standard Finishes

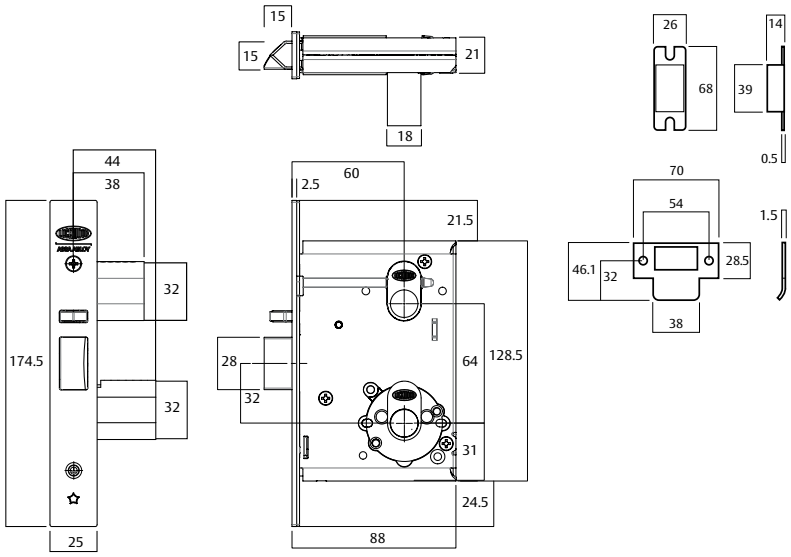
Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes

3P77	Dual Entry Primary Lock
3P77V	Dual Entry Primary Lock with Anti-Vandal Turn Adaptor

Note: Cylinders must be purchased separately. For lower cylinder order 3P77/101SC.

Pentagon 3P77 Dual Entry lock can be made from Pentagon 3P72 Universal Primary lock (eg. 3P72SS) and 3P77 Dual Entry Accessory Pack (SP3P77-119SS).



For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P77 Dual Entry Deadlatch

Dual Entry Lock

Two Cylinders Outside.

3P77SS-E22E#

Outside: Opened by either key. Cylinders are keyed to differ.
Inside: Opened by handle at all times.

Key Lockout Lock

Two Cylinders Outside.

3P77SS-E11E#

Outside: Opened by bottom key. Top key locks and unlocks bottom key, but will not allow access without bottom key holder present.
Inside: Opened by handle at all times.

Dual Entry/Key Lockout Lock

Two Cylinders Outside.

3P77VSS-E11E#

Outside: Opened by bottom key when made operative by top key. Top key locks or unlocks bottom key and retracts latch.
Inside: Opened by handle at all times.

Key Entry Privacy Lock

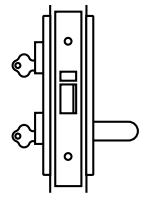
Cylinder Outside.

3P77ESS-A11N#

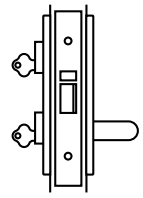
Outside: Opened by bottom key accept when locked out by turnknob from inside.

Inside: Opened by handle at all times. Turnknob locks out outside key.

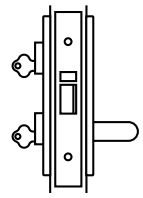
Anti-lockout: Closing the door or operation of inside handle will "kick-off" the locking feature, allowing the outside key to become operative.



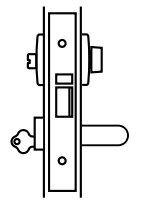
Dual Entry Lock



Key Lockout Lock



Dual Entry/Key Lockout Lock



Key Entry Privacy Lock

Note: # indicates left (L) or right (R) handing.

For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Pentagon™ 3P78 Holdback Deadlatches

AUSTRALIAN MADE

A deadlatching lockset for applications where latch holdback is required such as high use doors and toilet doors.

Features and Specifications

Latch holdback is engaged when latch is depressed and key rotated 90 degrees.

Furniture
Compatible with all Lockwood rose and plate furniture including Brass Door Furniture, Daintree, Robert Watson, Artefact Series II and Ovation series. Refer to lockweb.com.au for further details.

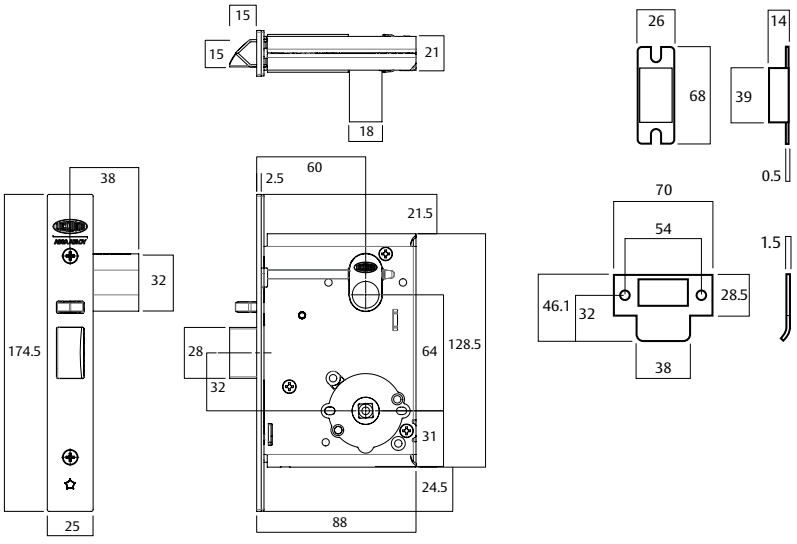
Fire Rating
3P78 Holdback Deadlatches are non-fire rated.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes	
3P78	Holdback Primary Lock
3P78T	Holdback Primary Lock with Standard Turn Adaptor

Note: Cylinders must be purchased separately.



For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P78 Holdback Deadlatches

Classroom and Office Lock with Holdback

Cylinder Outside.

3P78SS-E11E#

Outside: Opened by handle except when handle is made inoperative by key from outside. Key locks or unlocks outside handle.
Inside: Open by handle at all times.
Holdback: Latchbolt held back when latch depressed and key rotated 90°.

Office Lock with Holdback

Cylinder and Turnknob.

3P78TSS-E11E#

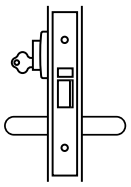
Outside: Opened by handle except when handle is made inoperative by key from outside or turnknob from inside. Key locks or unlocks outside handle.
Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.
Holdback: Latchbolt held back when latch depressed and key or turnsnib rotated 90°.

Anti-Vandal Lock with Holdback

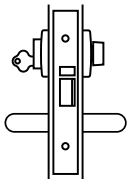
Cylinder Outside.

3P78VSS-E11E#

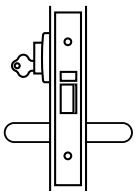
Outside: Opened by handle except when handle is locked by key from outside. Key locks or unlocks outside handle.
Inside: Open by handle at all times.
Holdback: Latchbolt held back when latch depressed and key or turnsnib rotated 90°.



Classroom and Office Lock with Hold-Back



Office Lock with Hold-Back



Anti-Vandal Classroom and Office Lock

Note: Anti-Vandal Adaptor allows latchbolt to be retracted by key if handle has been rendered inoperative.

Note: # indicates left (L) or right (R) handing.

For product availability please refer to the current price list, contact customer service or your local sales office.

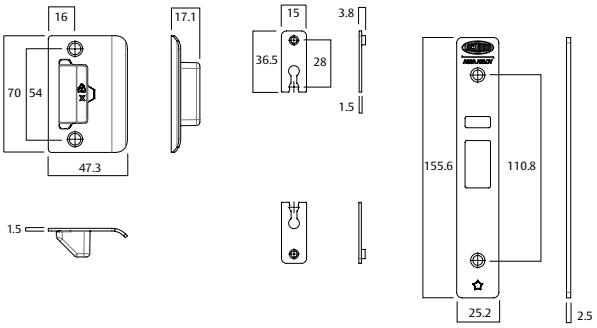
Commercial Mortice Locks

Pentagon™ 3P70 Series – Accessories

Aluminium Door Fixing Kit

For ease of mounting to aluminium door sections. Kit includes Fabricator face plate and strike, and two mounting tabs which clip into the primary lock body behind the fore end plate.

Part Number
3P72-AF01SS

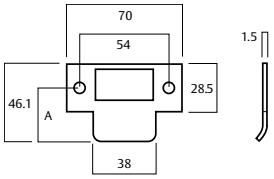


Short/Extended Lipped Strikes

Standard Finishes	
Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

To order, add finish code to part number.

Note: 32mm lip strike is supplied in accessory pack with primary lock.



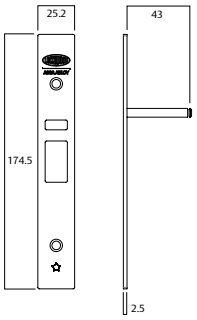
Dimension "A"

Finish	25.4mm	32mm	43.5mm	47.5mm
SSS	SP3570-4053	SP3570-5053	SP3570-5253	SP3570-5453
CP, PB	SP3570-4153	SP3570-5153	SP3570-5353	SP3570-5653

Security Face Plate

For situations where added security is required, this interlocking face plate is held captive by the cylinder mechanism and can only be released when unscrewed and key is rotated.

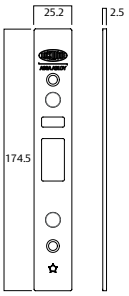
Part Number
3P72-SEC01SS



Face Plate with Magnets

For use in conjunction with the Padde by Lockwood ES2100 Electric Strike.

Part Number
SP3P70-2100SS

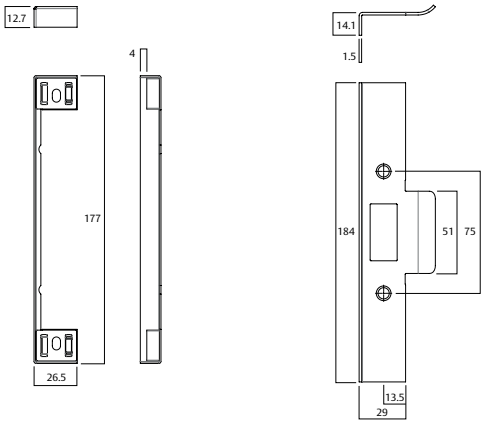


For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P70 Series – Accessories

Rebate Kits

Fire Rated rebate kits to suit standard 13mm rebate.

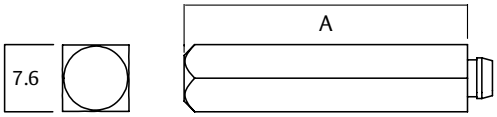


Standard Finishes	
Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

To order, add finish code to part number.

Lip Length "A"	Rebate Kit Part Number
32mm	3P72-RK32
46mm	3P72-RK46

Mortice Lock Spindles



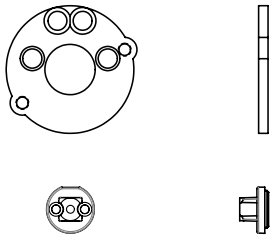
Part Number	Pack Size	Length "A"	Door Thickness Min	Door Thickness Max
SP3570-5018	10	33mm	32	50
SP3570-5228	10	45mm	50	75
SP3570-5238	1	58mm	75	100
SP3570-5258	10	108mm	100	200
SP3570-5328	10	125mm	200	240

Note: 33mm length supplied in accessory pack with primary lock.

Dual Entry Accessory Pack

To convert Pentagon 3P72 Universal Primary Lock to 3P77 Dual Entry lock.

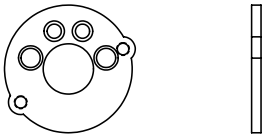
For use with 3P77/101 Lower Cylinder.



Part Number
SP3P77-119SS

Dual Entry Retrofit Plate

To convert 577-2 and 10000-437 cylinders for use 3P77 Dual Entry lock.



Part Number
SP3P77-160

For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Pentagon™ 3P70 Series – Accessories

Extended Cylinders

Extended cylinders should be considered when a door thickness is 50mm or greater or when the lock is mounted off centre in the door.

Use Lockwood's new Modular Cylinder Extensions to produce an extended cylinder.

Virtually any length cylinder can be made by stacking as many or as few extension pieces as required together and screwing them into the back of a special extended cylinder base.

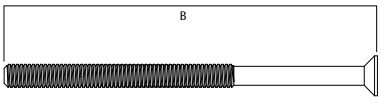
Cylinders

Cylinder housings are required to have 2 tapped holes in the back to accept the fixings screws. Cylinders are available for purchase using the following part numbers:

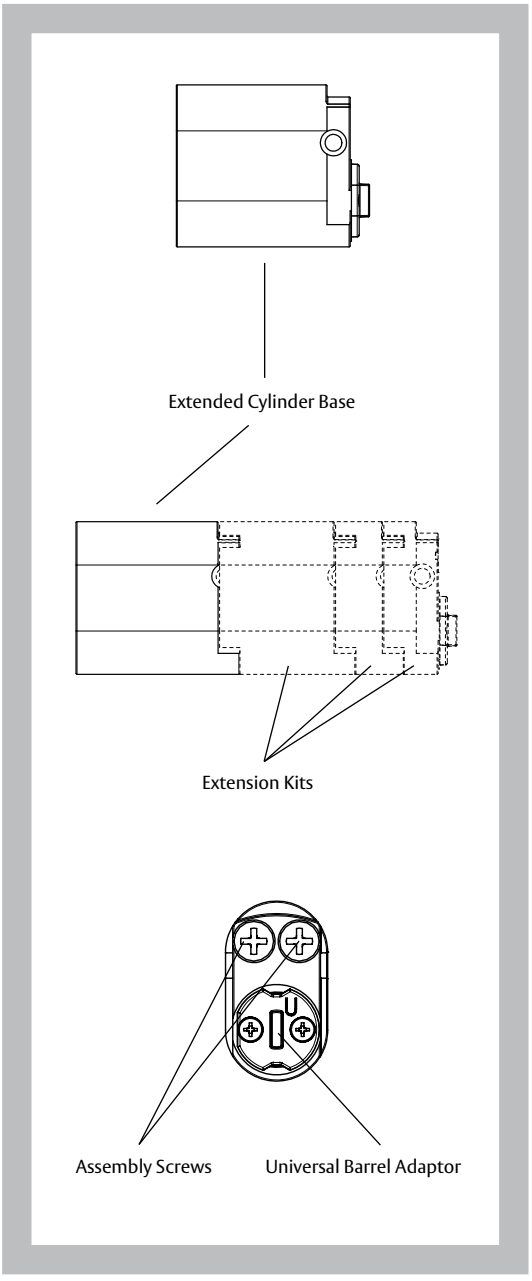
Part Numbers	
570E/SC	Extended Base Cylinder with Universal Cam Adaptor (Keyed to differ)
570E/SCBK	Extended Base Cylinder with Universal Cam Adaptor (Sub-Assembly 5 Pack)

Screws

Screws are available in following sizes which can be cut and deburred to the desired length.

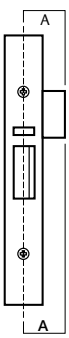


Part Number	Pack Size	Length (B)	Min – Max Extension (mm) If screw uncut
SRWM4-32SS	10	32	7 – 24
SRWM4-42SS	10	42	14 – 36
SRWAM4-65SS	10	65	37 – 58
SRWAM4-75SS	10	75	47 – 68



An extension guide is included to show the parts required for a particular length:

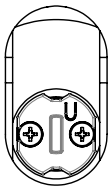
Overall cylinder length required	Cylinder projection (A)	Door thickness		Extended base cylinder	7mm extension kit	10mm extension kit	24mm extension kit	32mm assembly screw	42mm assembly screw	65mm assembly screw
34	36	35	50	Standard Mortice Cylinder						
41	43	50	63	1	1			2		
51	53	63	83	1	1	1		2		
61	63	83	103	1	1	2			2	
72	74	103	123	1	2		1			2
82	84	123	143	1			2			2
92	94	143	163	1		1	2			2



For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P70 Series – Accessories

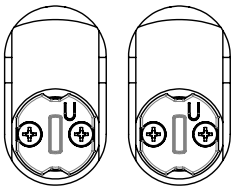
Single Cylinder Assemblies



"U" CAM
570/101

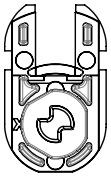
Dual Entry Cylinder
3P77/101

Double Cylinder Assemblies

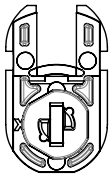


"U" CAMS
570/201

Adaptors



Standard Turn (T)
3P72-STA01



Emergency Turn (E)
3P72-ETA01

Anti-Vandal Turn (V)
3P72-VTA01

Commercial Mortice Locks

Pentagon™ 3P70 Series Function Chart

Pentagon Series Part Number	Function Description	Primary Lock	Cylinder quantity (570/101)	Turn Adaptor
3P70SS-C22D	Nightlatch – Double Cylinder	3P70*	2	
3P70SS-C22E	Nightlatch – Single Cylinder	3P70*	1	
3P70TSS-C22E	Nightlatch – Cylinder & Turn	3P70*	1	3P72-STA01
3P70TSS-C22N	Nightlatch – Turn Only	3P70*	0	3P72-STA01
3P72ESS-A11N	Escape Privacy Latch – Anti-lockout	3P72	0	3P72-ETA01
3P72ESS-C11N	Privacy Latch	3P72	0	3P72-ETA01
3P72SS-A00N	Passage Latch	3P72	0	
3P72SS-C11D	Double Cylinder Glass Door Lock	3P72	2	
3P72SS-C11E	Single Cylinder Glass Entry Door Lock	3P72	1	
3P72SS-C21D	Glass Entry Door Lock	3P72	2	
3P72SS-E11E	Classroom Lock	3P72	1	
3P72SS-E11I	Single Cylinder Exit Door Lock	3P72	1	
3P72SS-E21D	Double Cylinder Escape Lock	3P72	2	
3P72SS-E23E	Storeroom Lock	3P72	1	
3P72SS-E30N	Exit Door Latch	3P72	0	
3P72TSS-A11E	Escape Office Lock – Anti-lockout	3P72	1	3P72-STA01
3P72TSS-C11E	Office Lock	3P72	1	3P72-STA01
3P72TSS-E11E	Escape Office Lock	3P72	1	3P72-STA01
3P72TSS-E11N	Exit Door Lock - Turn Only	3P72	0	3P72-STA01
3P72TSS-E21E	Entry Door Lock	3P72	1	3P72-STA01
3P72VSS-A11E	Entry Door Lock – Anti-vandal	3P72	1	3P72-VTA01
3P72VSS-E11E	Anti-Vandal Latch	3P72	1	3P72-VTA01
3P77SS-E11E	Dual Entry Lock – Key Lockout	3P77#	1	
3P77SS-E22E	Dual Entry Lock	3P77#	1	
3P77ESS-A11N	Key Entry Privacy Lock	3P77#	0	3P72-ETA01
3P77VSS-E11E	Dual Entry Lock – Key Lockout	3P77#	1	3P72-VTA01
3P78SS-E11E	Classroom Lock – Holdback	3P78	1	
3P78TSS-E11E	Escape Office Lock – Holdback	3P78	1	3P72-STA01
3P78VSS-E11E	Anti-Vandal Latch – Holdback	3P78	1	3P72-VTA01

* Nightlatch functions can be achieved using Pentagon Universal Primary Lock (3P72).
# Dual Entry lock can be made from Pentagon Universal Primary lock (eg. 3P72SS) and 3P77 Dual Entry Accessory Pack (SP3P77-119SS). Lower Cylinder 3P77/101 is also required.

Commercial Mortice Locks

Pentagon™ 3P70 Series Functioning Matrix

Functioning Matrix

Sample part number 3P72TSS-E21EL is made up of eleven elements. The description of this part number is an entry door lock with cylinder and turn, left handing, stainless steel finish. The first six elements make up the product code, an item which can be ordered. The remaining five elements provide the settings for the lock to function as required. These can be set at the time of installation.

For example:

Product Code						Function Settings				
Backset	System	Platform	Function	Turn Adaptor	Finish	Hub Setting	Outside Lock Function	Inside Lock Function	Cylinder Required	Handing
3	P	7	2	T	SS	E	2	1	E	L

Backset

60mm	3

System

Pentagon Series	P

Platform

Standard Stile	7

Function

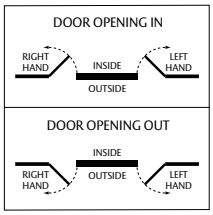
Nightlatch	0
Universal Lock	2
Dual Entry Lock	7
Holdback Lock	8

Turn Adaptor

Standard Turn Adaptor	T
Emergency Turn Adaptor	E
Anti-Vandal Turn Adaptor	V

Finish

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB



Hub Setting

Anti-Lockout & Escape	A
Combination (both handles lockable)	C
Escape (one handle always free)	E

Outside Lock Function

Passage Mode	0
Lock/Unlock Mode (unlock position)	1
Key or Turn retracts latch	2
Lock/Unlock Mode (locked position)	3

Inside Lock Function

Passage Mode	0
Lock/Unlock Mode (unlock position)	1
Key or Turn retracts latch	2
Lock/Unlock Mode (locked position)	3

Cylinder Required

External Cylinder Only	E
Double Cylinder	D
Internal Cylinder Only	I
No Cylinders	N

Handing

Left Hand	L
Right Hand	R

Product Code

1. **Backset:** 3 = Standard 60mm backset
2. **System:** Pentagon Series Platform
3. **Platform:** 7 = Standard stile
4. **Function:** Select Lock Function required, for example 2 = Universal lock
5. **Turn Adaptor:** If a turnknob function is required indicate by T, E, or V.
6. **Finish:** Select appropriate finish, eg. SS. Other finishes available on application.

Function Settings

7. **Pentagon Hub Setting:** Set depending on required function eg. E for escape function.
8. **Outside Lock Function:** Set depending on required function eg. 2 for key retracts latch.
9. **Inside Lock Function:** Set depending on required function eg. 1 for turnknob locks or unlocks outside handle.
10. **Cylinder:** Indicates whether a cylinder(s) is/are required, and the position of the cylinder(s).
11. **Handing:** If applicable refer to door handing chart to determine left or right hand, for example L.

Commercial Mortice Locks

Synergy Series to Pentagon™ Series Conversion Chart

Synergy Series	Pentagon Series	Function Description
3570-T#SC	3P70TSS-C22N	Nightlatch - turn only
3570X-#SC	3P70SS-C22E	Nightlatch - single cyl
3570XT#SC	3P70TSS-C22E	Nightlatch - cyl & turn
3570XX#SC	3P70SS-C22D	Nightlatch - double cyl
3572#SC	3P72SS-E30N	Exit Door Latch
3572EA#SC	3P72ESS-A11N	Escape Privacy Latch - Anti-lockout
3572M-#SC	3P72VSS-E11E	Anti-Vandal Latch
3572-T#SC	3P72TSS-E11N	Exit Door Lock - turn only
3572WA#SC	3P72TSS-A11E	Escape Office Lock - Anti-lockout
3572WT#SC	3P72TSS-E11E	Escape Office Lock
3572X-#SC	3P72SS-E23E	Storeroom Lock
3572XA#SC	3P72VSS-A11E	Entry Door Lock - Anti-vandal
3572XT#SC	3P72TSS-E21E	Entry Door Lock
3572XZ#SC	3P72SS-E21D	Double Cylinder Escape Lock
3572-Z#SC	3P72SS-E11I	Single Cylinder Exit Door Lock
3572Z-#SC	3P72SS-E11E	Classroom Lock
3574#SC	3P72SS-C00N	Passage Latch
3574ET#SC	3P72ESS-C11N	Privacy Latch
3574WT#SC	3P72TSS-C11E	Office Lock
3574XZ#SC	3P72SS-C21D	Glass Entry Door Lock
3574-Z#SC	3P72SS-C11I	Single Cylinder Glass Door Lock
3574Z-#SC	3P72SS-C11E	Single Cylinder Glass Entry Door Lock
3574ZZ#SC	3P72SS-C11D	Double Cylinder Glass Door Lock
3577M#	3P77VSS-E11E	Dual Entry Lock - Key Lockout
3577X#	3P77SS-E22E	Dual Entry Lock
3577Z#	3P77SS-E11E	Dual Entry Lock - Key Lockout
3578M-#SC	3P78VSS-E11E	Anti-Vandal Latch - Holdback
3578WT#SC	3P78TSS-E11E	Escape Office Lock - Holdback
3578Z-#SC	3P78SS-E11E	Classroom Lock - Holdback

For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P80 Series Mortice Locks

Commercial Mortice Locks

Pentagon™ 3P80 Series Cylinder Mortice Locks Overview

AUSTRALIAN MADE

Application

A comprehensive range of automatic deadlatches for narrow stile hinged doors, combining convenience and security.

Benefits

- Ability to change lock function and handing without removing the lock from the door
- Easy in-door commissioning
- One Universal cylinder cam performs all locking functions
- Australian made
- Requires 35 degrees of lever rotation to fully retract latch and deadlatch

Features and Specifications

Australian designed and manufactured, the 3P80 Series Short Backset Cylinder Mortice Locks are made from quality materials to meet high durability and strength requirements.

Face Plates

- Stainless Steel 2.5mm face plates
- Brass face plates provided for plated finishes

Case

- Galvanised Steel for increased strength and corrosion protection

Backset

- 23mm standard backset
- For extended backsets (25.4, 30, 38mm) refer to Synergy 3580 Series Mortice Lock Ordering Procedure.

Latchbolts

- Latchbolts are 15mm, stainless steel
- Deadlatching is achieved by a stainless steel auxiliary bolt

Strike

- Stainless Steel 1.5mm D shape fabricator strike

Springs

- High-grade spring steel material, corrosion protected

Cylinder Retaining Pin

- Hard-drawn spring steel wire, corrosion protected. Uses “slip pin” method

Door Thickness

- Timber doors: 32 to 50mm
- Metal doors: 35 to 50mm
- Suits hollow-style aluminium door sections with 37mm minimum internal depth

Timber Doors

Timber door accessory packs are available upon request. Specify 3P80-TF01SS for mounting tabs and face plate accessory pack.

Door Clearance

To ensure correct functioning of the deadlatching mechanism and security for all locks, the clearance between the door and frame should be 3mm.

Standards

All 3P80 Series locks conform to the relevant Australian Standards as detailed below.

S$_L$8 HIGH SECURITY

Conforms to level S$_L$8 Australian Lock Standard (AS4145.2-2008) when fitted with door furniture and anti drill cylinder.

D8 DURABILITY

Exceeds level D8 (Durability) Australian Lock Standard (AS4145.2-2008)

ANTI-CORROSION

All 3P80 Series locks meet C6 (168hrs) Australian Lock Standard (AS4145.2-2008)

Cylinder

Bump Resistant five pin tumbler mechanism. Standard Lockwood oval shaped, brass cylinders and brass barrels

Unique universal cam drives all lock functions. Turn adaptors may be required depending on function.

Extended Cylinders

Modular cylinder extensions are available for various door thicknesses.

Keying

Standard Keying

- Supplied individually keyed with two keys per cylinder
- 78000 key combinations

Restricted Special Keying

Lockwood locks can be keyed to a number of controlled and/or specially keyed systems. These range from legally protected keys to protect against unauthorised duplication and can also include specially designed key systems such as master key systems. This allows for different levels of mechanical access control.

Please refer to assaabloy.com.au for keying systems or contact your local sales office or customer service for specific information.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Electric Strikes

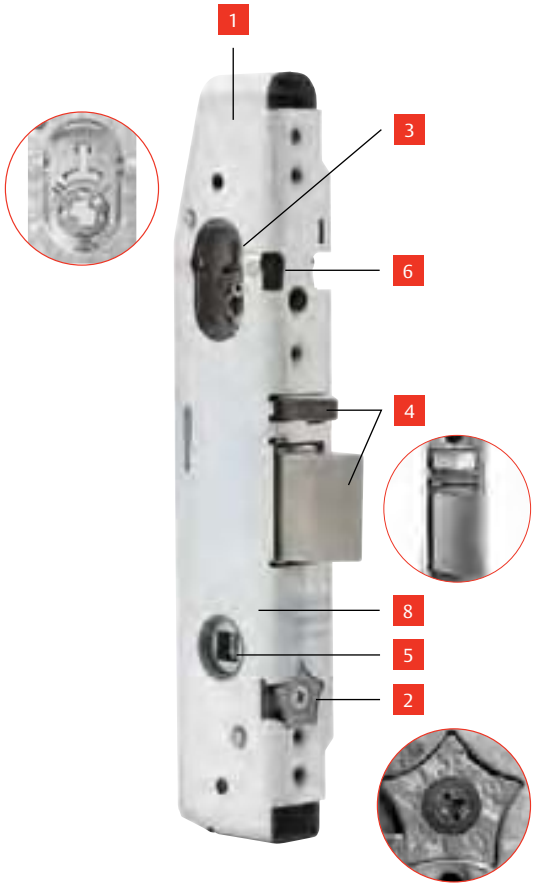
ASSA ABLOY offers a wide range of electric strikes which are compatible with the Lockwood 3P80 Series Mortice Locks. Refer to lockweb.com.au for further details.

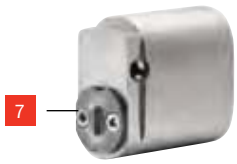
Service Manual

To download a copy of the Pentagon Series Service Manual visit lockweb.com.au

Pentagon™ 3P80 Series Cylinder Mortice Locks Overview

AUSTRALIAN MADE





1. Universal Multi-Function Lock

Lock is designed to reduce stock line items.

All functions can be achieved using the primary lock body and adjusting the Pentagon hub selector, cylinder function selector, and adding turn adaptors as required.

2. Hub Selection

Hub settings are conveniently adjustable via the Pentagon hub selector on the fore end of the mortice lock. Choose from Escape, Anti-lockout, or Combination function.

Escape – allows for single action downward action egress.

Anti-lockout – provides single action downward egress. The "kick-off" feature prevents accidental lockouts by unlocking the outside handle when the door is closed or operation of the inside handle.

Combination – allows both outside and inside handle to be locked.

Hub settings can be changed after installation without removing the lock from the door.

3. Cylinder Function Selection

One universal cylinder cam will work all lock functions. (Cylinder cam changes are no longer required).

Simply select locking or latching mode using the function selection tool supplied with the lock.

Functions can easily be changed once the lock is installed in the door, if required.

Uses standard Lockwood oval shaped (570) brass cylinders and barrels.

4. Latch Bolt

Reversible for both left and right hand doors, opening in or opening out without removing lock from the door. Simply remove face plate, pull latch away from the lock and rotate to suit inward or outward opening door.

Note: Handing is always viewed from external side of door.

5. Furniture

- Independent furniture hubs to suit Australia/ New Zealand standard 7.6mm split spindle
- 35 degrees of lever rotation required to fully retract latch and auxillary bolt
- Through fixing holes for long plate brass furniture

6. Cylinder/Adaptor Retention

"Slip Pin" Cylinder/Adaptor fixing method, which allows attachment to the lock case by inserting a non-threaded cylindrical pin through the front of the lock case.

7. Cylinder Assembly

Bump resistant five pin tumbler mechanism. Standard Lockwood oval shaped, brass cylinders and brass barrels. One universal cam will work all lock functions.

8. Case Assembly

Galvanised steel case and backplate provides high strength, durability and anti corrosion protection to suit the toughest applications.

9. Lock Fixing

Fabricator pack (aluminium doors) supplied as standard.

Note: Anti-Lockout Function

Anti-Lockout function is now set using the Pentagon hub selector on the fore end of the primary lock. It can be changed after installation without removing the mortice lock from the door.

For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Pentagon™ 3P82 Short Backset Universal Locks

AUSTRALIAN MADE

Various latching functions operated generally by key or handle outside and by turnknob, key or handle inside. These locks comply with building regulations for single-action escape doors.

For ease of selection specify primary lock i.e. 3P82S. This lock can then be easily adapted to suit function required.

Features and Specifications

Furniture

Compatible with Lockwood 4800 and 5800 Series Furniture. Refer to lockweb.com.au for further details.

35 degrees of lever rotation required to fully retract latch and auxillary bolt.

Timber Doors

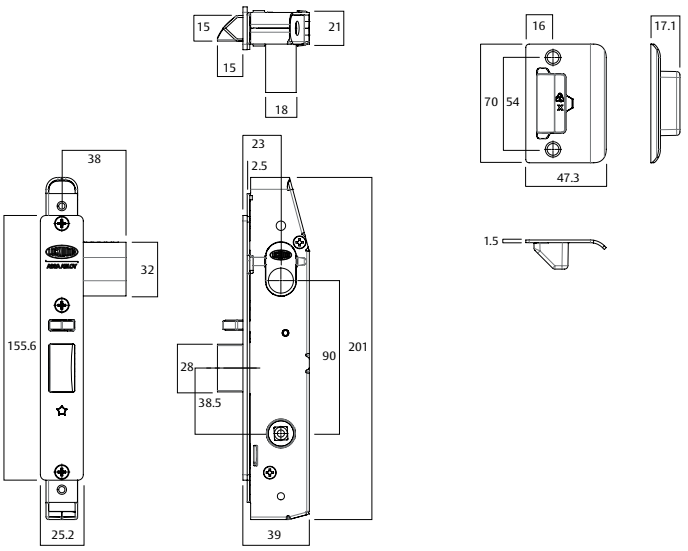
Timber door accessory packs are available upon request. Add 3P80-TF01SS for mounting tabs and timber face plate accessory pack.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes	
3P82	Universal Short Backset Primary Lock
3P82T	Universal Short Backset Primary Lock with Standard Turn Adaptor
3P82E	Universal Short Backset Primary Lock with Emergency Turn Adaptor
3P82V	Universal Short Backset Primary Lock with Anti-Vandal Turn Adaptor

Note: Cylinders must be purchased separately.



For product availability please refer to the current price list, contact customer service or your local sales office.

Pentagon™ 3P82 Short Backset Universal Locks

Escape Locks

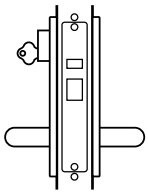
Allow for single downward action egress in compliance with Building Codes.

Storeroom Lock

Cylinder Outside.

3P82SS-E23E#

Outside: Opened by key. Lever is always rigid.
Inside: Opened by lever at all times.



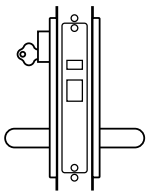
Storeroom Lock

Classroom and Office Lock

Cylinder Outside.

3P82SS-E11E#

Outside: Opened by lever except when lever is made inoperative by key from outside. Key locks or unlocks outside lever.
Inside: Opened by lever at all times.



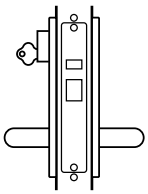
Classroom and Office Lock

Anti-Vandal Classroom and Office Lock

Cylinder Outside.

3P82VSS-E11E#

Outside: Opened by lever except when lever is locked by key from outside. Key locks or unlocks outside lever. Key can also retract latch.
Inside: Opened by lever at all times.



Anti-Vandal Classroom and Office Lock

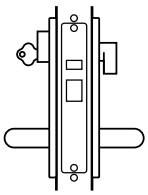
Note: Anti-Vandal adaptor allows latchbolt to be retracted by key if lever has been rendered inoperative.

Entry Door Lock

Cylinder and Turnknob.

3P82TSS-E21E#

Outside: Opened by key at all times. Opened by lever except when lever is locked by turnknob from inside.
Inside: Opened by lever at all times. Turnknob locks or unlocks outside lever.



Entry Door Lock

Note: # indicates left (L) or right (R) handing.

Pentagon™ 3P82 Short Backset Universal Locks

Escape Locks

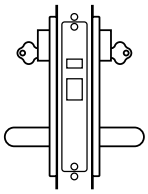
Allow for single downward action egress in compliance with Building Codes.

Double Cylinder Escape Lock

Double Cylinder.

3P82SS-E21D#

Outside: Opened by key at all times. Opened by lever except when lever is locked by key from inside.
Inside: Opened by lever at all times. Key locks or unlocks outside lever.



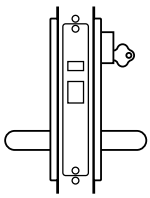
Double Cylinder Escape Lock

Single Cylinder Exit Door Lock

Cylinder Inside.

3P82SS-E11I#

Outside: Opened by lever except when lever is locked by key from inside.
Inside: Opened by lever at all times. Key locks or unlocks outside lever.



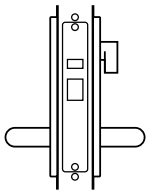
Single Cylinder Exit Door Lock

Exit Door Lock

Turnknob Inside.

3P82TSS-E11N#

Outside: Opened by lever except when lever is locked by turnknob from inside.
Inside: Opened by lever at all times. Turnknob locks or unlocks outside lever.



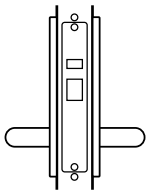
Exit Door Lock

Exit Door Lock

Exit Function only.

3P82SS-E30N#

Outside: Lever is always rigid.
Inside: Opened by lever at all times.



Exit Door Lock

Note: # indicates left (L) or right (R) handing.

Pentagon™ 3P82 Short Backset Universal Locks

Anti-Lockout Escape Locks

Allow for single downward action egress and the "kick-off" function prevents accidental lockouts by unlocking the outside lever when the door is closed or operation of the inside lever.

Anti-Lockout Escape Lock

Cylinder and Turnknob.

3P82TSS-A11E#

Outside: Opened by lever except when lever is locked by key from outside. Key locks or unlocks outside lever.
Inside: Open by lever at all times.
Anti-lockout: Closing the door or operation of inside lever will "kick-off" the locking feature, allowing the outside lever to become operative.

Anti-Vandal Entry Door Lock

Cylinder Outside and Turnknob.

3P82VSS-A11E##

Outside: Opened by key at all times. Opened by lever except when lever is locked by key from outside or turnknob from inside.
Inside: Opened by lever at all times. Turnknob locks or unlocks outside lever. Turnknob locks or unlocks outside lever.
Anti-lockout: Withdrawing the latch bolt by key, closing the door or operation of inside lever will "kick-off" the locking feature, allowing the outside lever to become operative.

Anti-Lockout Privacy Escape Lock

Emergency Button and Turnknob.

3P82ESS-A11N#

Outside: Opened by lever except when lever is locked by turn knob from inside. Lever may be unlocked from outside by coin or screwdriver by operating the slotted emergency button.
Inside: Opened by lever at all times. Turn knob locks or unlocks outside lever.
Anti-lockout: Closing the door or operation of inside lever will "kick-off" the locking feature, allowing the outside lever to become operative.

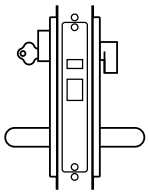
Passage Latch

No Locking Function.

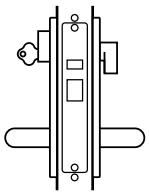
3P82SS-A00N#

Outside: Opened by lever.
Inside: Opened by lever.

Note: # indicates left (L) or right (R) handing.

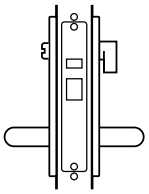


Anti-Lockout Escape Lock

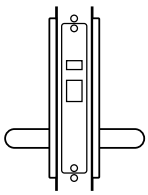


Anti-Vandal
Entry Door Lock

Note: Anti-Vandal Adaptor allows latchbolt to be retracted by key if lever has been rendered inoperative.



Anti-lockout Privacy Escape Lock



Passage Latch

For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Pentagon™ 3P82 Short Backset Universal Locks

Combination Locks

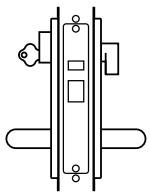
Allow both inside and outside handles to be locked.

Office Lock

Cylinder and Turnknob.

3P82TSS-C11E#

Outside: Opened by lever except when lever is locked by key from outside or by turnknob from inside. Key locks or unlocks both levers.
Inside: Opened by lever except when lever is locked by key from outside or turnknob inside. Turnknob locks or unlocks both levers.



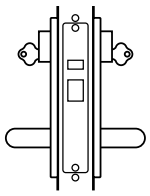
Office Lock

Glass Entry Door Lock

Double Cylinder.

3P82SS-C21D#

Outside: Opened by key at all times. Opened by lever except when lever is locked by key from inside. Key retracts latchbolt.
Inside: Opened by lever except when lever is locked by key from inside. Key locks or unlocks both handles.



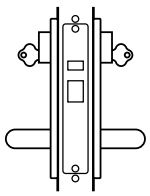
Glass Entry Door Lock

Glass Door Lock

Double Cylinder.

3P82SS-C11D

Outside: Opened by lever except when lever is locked by key from either side. Key from either side locks or unlocks both levers.
Inside: Opened by lever except when lever is locked by key from either side. Key from either side locks or unlocks both levers.



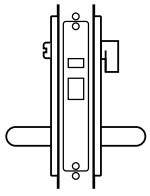
Glass Door Lock

Privacy Lock

Emergency Button and Turnknob.

3P82ESS-C11N#

Outside: Opened by lever except when lever is locked by turnknob from inside. Lever may be unlocked from outside by coin or screwdriver by operating the slotted emergency turnbutton.
Inside: Opened by lever except when lever is made inoperative by turnknob. Turnknob locks or unlocks both levers.



Privacy Lock

Note: # indicates left (L) or right (R) handing.

Commercial Mortice Locks

Pentagon™ 3P87 Dual Entry Deadlatch

Designed to enable emergency and utility services to enter specific areas by second cylinder without giving access to all locksets in the building and the ability to lockout keys with restricted access at certain times.

Features and Specifications

Furniture
Select from Lockwood 4800 or 5800 Series. Refer to lockweb.com.au for further details.

Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

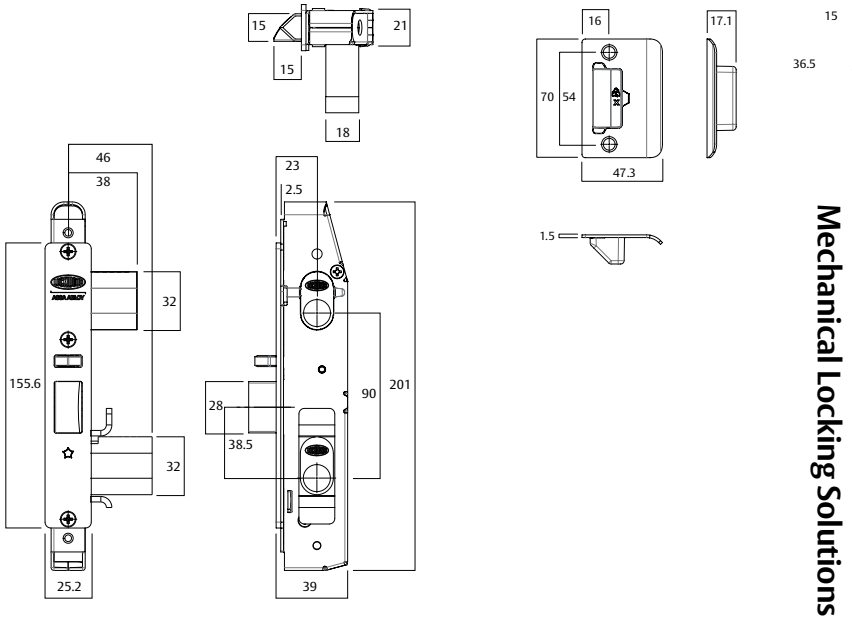
Product Codes

3P87	Dual Entry Primary Lock
3P87V	Dual Entry Primary Lock with Anti-Vandal Turn Adaptor

Note: Cylinders must be purchased separately. For lower cylinder order 3P87/101SC.

Pentagon 3P87 Dual Entry lock can be made from Pentagon 3P82 Universal Primary lock (eg. 3P82SS) and 3P87 Dual Entry Accessory Pack (SP3P87-119SS).

Door Thickness
Metal Doors: 42 to 46mm



Commercial Mortice Locks

Pentagon™ 3P87 Dual Entry Deadlatch

Dual Entry Lock

Two Cylinders Outside.

3P87SS-E22E#

Outside: Opened by either key, cylinders are keyed to differ.
Inside: Opened by lever at all times.

Key Lockout Lock

Two Cylinders Outside.

3P87SS-E11E#

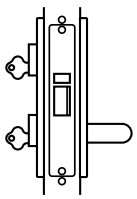
Outside: Opened by bottom key. Top key locks and unlocks bottom key, but will not allow access without bottom key holder present.
Inside: Opened by lever at all times.

Dual Entry/Key Lockout Lock

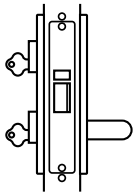
Two Cylinders Outside.

3P87VSS-E11E#

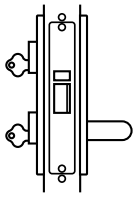
Outside: Opened by bottom key when made operative by top key. Top key locks or unlocks bottom key and retracts latch.
Inside: Opened by lever at all times.



Dual Entry Lock



Key Lockout Lock



Dual Entry/Key Lockout Lock

Pentagon™ 3P88 Short Backset Holdback Locks

AUSTRALIAN MADE

A deadlatching lockset developed for applications where latch holdback is required with normal lock functions.

Features and Specifications

Latch holdback is engaged when latch is depressed and key rotated 90 degrees.

Furniture

Compatible with Lockwood 4800 and 5800 Series Furniture. Refer to lockweb.com.au for further details.

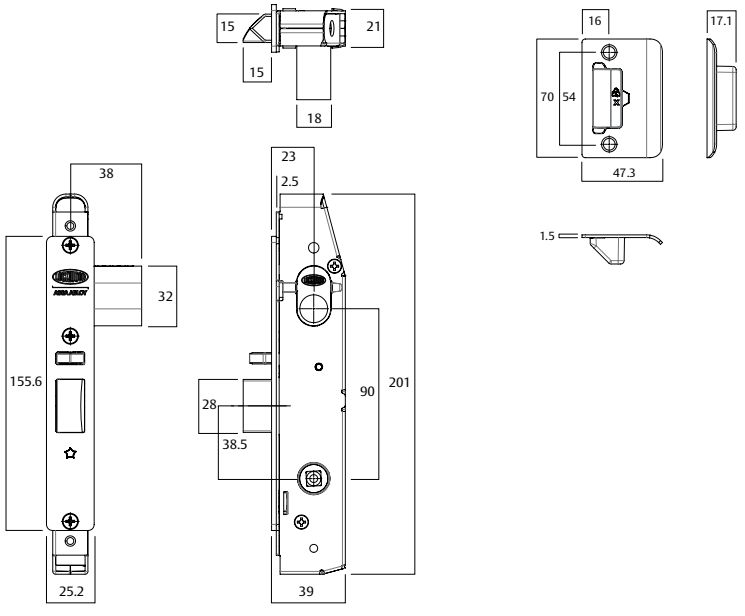
Standard Finishes

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB

Product Codes

3P88	Short Backset Holdback Lock
3P88T	Short Backset Holdback Lock with Standard Turn Adaptor
3P88V	Short Backset Holdback Lock with Anti-Vandal Turn Adaptor

Note: Cylinders must be purchased seperately.



For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Pentagon™ 3P88 Short Backset Holdback Locks

Escape Office Lock with Holdback

Cylinder and Turnknob.

3P88TSS-E21E#

Outside: Opened by key at all times. Opened by lever except when lever is locked by turnknob from inside.
Inside: Opened by locked at all times. Turnknob locks or unlocks outside lever.
Holdback: Latchbolt holdback engaged when latch depressed and snib turned 90˚.

Anti-Vandal Lock with Holdback

Cylinder Outside.

3P88VSS-E23E#

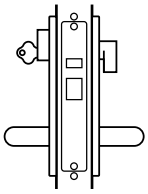
Outside: Opened by key. Lever is always rigid.
Inside: Opened by lever at all times.
Holdback: Latchbolt holdback engaged when latch depressed and key rotated 90˚.

Classroom and Office Lock with Holdback

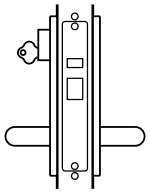
Cylinder Outside.

3P88SS-E11E#

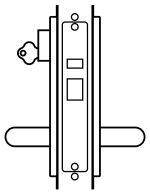
Outside: Opened by lever except when lever is locked by key from outside. Key locks or unlocks outside lever.
Inside: Opened by lever at all times.
Holdback: Latchbolt holdback engaged when latch depressed and key rotated 90˚.



Escape Office Lock with Holdback



Anti-Vandal Lock with Holdback



Classroom and Office Lock with Holdback

Note: # indicates left (L) or right (R) handing.

Pentagon™ 3P80 Series Accessories

Extended Cylinders

Extended cylinders should be considered when a door thickness is 50mm or greater or when the lock is mounted off centre in the door.

Use Lockwood's new Modular Cylinder Extensions to produce an extended cylinder.

Virtually any length cylinder can be made by stacking as many or as few extension pieces as required together and screwing them into the back of a special extended cylinder base.

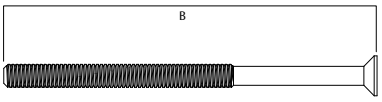
Cylinders

Cylinder housings are required to have 2 tapped holes in the back to accept the fixings screws. Cylinders are available for purchase using the following part numbers:

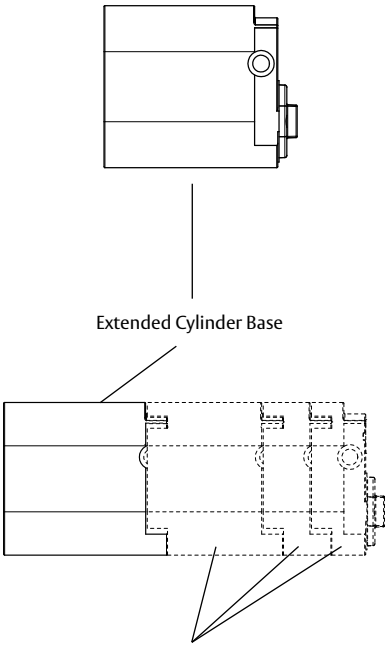
Part Numbers	
570E/SC	Extended Base Cylinder with Universal Cam Adaptor (Keyed to differ)
570E/SCBK	Extended Base Cylinder with Universal Cam Adaptor (Sub-Assembled 5 Pack)

Screws

Screws are available in following sizes which can be cut and deburred to the desired length.

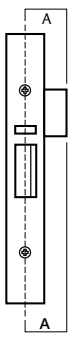


Part Number	Pack Size	Length (B)	Min – Max Extension (mm) If screw uncut
SRWM4-32SS	10	32	7 – 24
SRWM4-42SS	10	42	14 – 36
SRWAM4-65SS	10	65	37 – 58
SRWAM4-75SS	10	75	47 – 68



An extension guide is included to show the parts required for a particular length:

Overall cylinder length required	Cylinder projection (A)	Door thickness		Extended base cylinder	7mm extension kit	10mm extension kit	24mm extension kit	32mm assembly screw	42mm assembly screw	65mm assembly screw
34	36	35	49	Standard Mortice Cylinder						
41	43	49	63	1	1			2		
51	53	63	83	1	1	1		2		
61	63	83	103	1	1	2			2	
72	74	103	123	1	2		1			2
82	84	123	143	1			2			2
92	94	143	163	1		1	2			2



For product availability please refer to the current price list, contact customer service or your local sales office.

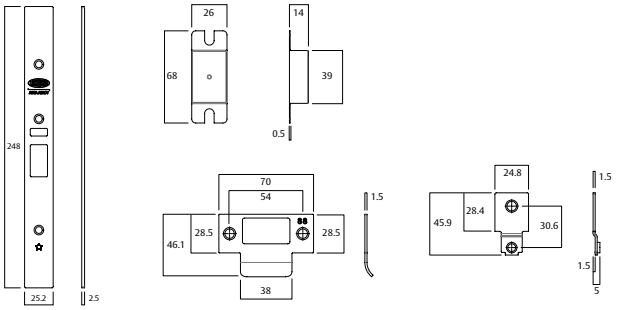
Commercial Mortice Locks

Pentagon™ 3P80 Series Accessories

Timber Door Kit

For ease of mounting to timber doors. Kit includes timber face plate and strike, and two mounting tabs which screw into the primary lock body.

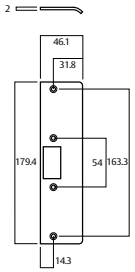
Part Number
3P82-TF01SS



Retrofit Strikes

For replacement of existing installations where Lockwood 5900, 595 are used.

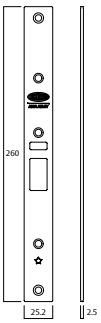
Part Numbers	
Chrome Plate	3580-1902CP
Satin Chrome Brushed	3580-1902SC
Polished Brass	3580-1902PB



Retrofit Face Plate

For situations where face fixing is required from the face plate.

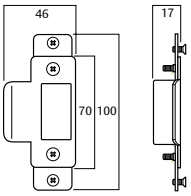
Part Number
SP3P80-336SS



Metal Frame Strike Kit

Retro fit strike for metal frame doors.

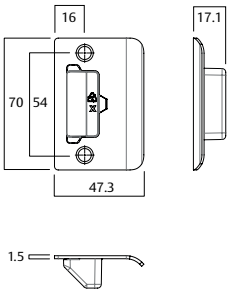
Part Number
NX8/40SSS



Fabricator Strikes

Stainless Steel D-shaped strike. 32mm is supplied in accessory pack with primary lock.

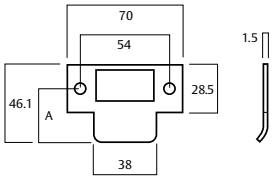
Part Number	Dimension "A"
SP3P80-053SS	32mm
SP3P80-153SS	64mm



Short/Extended Lipped Strikes

Standard Finishes	
Satin Stainless Steel	SSS
Chrome Plate	CP
Polished Brass	PB

To order, add finish code to part number.



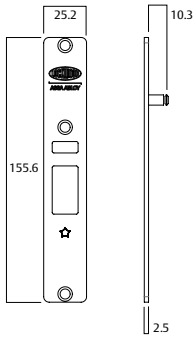
Dimension "A"

Finish	25.4mm	32mm	43.5mm	47.5mm
SSS	SP3570-4053	SP3570-5053	SP3570-5253	SP3570-5453
CP, PB	SP3570-4153	SP3570-5153	SP3570-5353	SP3570-5653

Security Face Plate

For situations where added security is required, this interlocking face plate is held captive by the cylinder mechanism and can only be released when unscrewed and key is rotated.

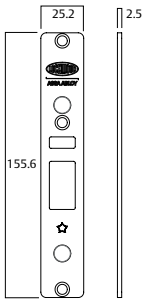
Part Number
3P82-SEC01SS



Face Plate with Magnets

For use in conjunction with the Padde by Lockwood ES2100 Electric Strike.

Part Number
SP3P80-2100SS



Commercial Mortice Locks

Pentagon™ 3P80 Series – Accessories

Mortice Lock Spindles

Part Number	Pack Size	Length "A"	Door Thickness Min	Max
SP3570-5018	10	33mm	32	50
SP3570-5228	10	45mm	50	75
SP3570-5238	1	58mm	75	100
SP3570-5258	10	108mm	100	200
SP3570-5328	10	125mm	200	240

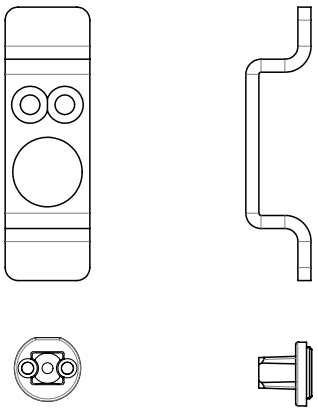
Note: 33mm length supplied in accessory pack with primary lock.

Dual Entry Accessory Pack

To convert Pentagon 3P82 Universal Primary Lock to 3P87 Dual Entry lock.

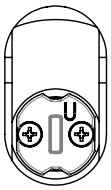
For use with 3P87/101 Lower Cylinder.

Part Number
SP3P87-119SS

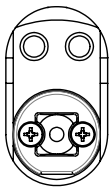


Pentagon™ 3P80 Series – Accessories

Single Cylinder Assemblies

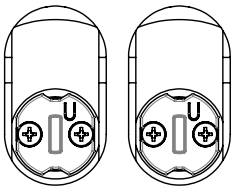


"U" CAM
570/101



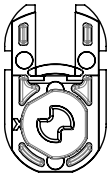
Dual Entry Cylinder
3P87/101SC

Double Cylinder Assemblies

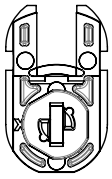


"U" CAMS
570/201

Adaptors



Standard Turn (T)
3P72-STA01



Emergency Turn (E)
3P72-ETA01

Anti-Vandal Turn (V)
3P72-VTA01

Commercial Mortice Locks

Pentagon™ 3P80 Series Function Chart

Pentagon Series Part Number	Function Description	Primary Lock	Cylinder quantity (570/101)	Turn Adaptor
3P82ESS-A11N	Anti-Lockout Privacy Latch	3P82	0	3P72-ETA01
3P82ESS-C11N	Privacy Latch	3P82	0	3P72-ETA01
3P82SS-A00N	Passage Latch	3P82	0	
3P82SS-C11D	Double Cylinder Glass Door Lock	3P82	2	
3P82SS-C11E	Single Cylinder Glass Entry Door Lock	3P82	1	
3P82SS-C21D	Glass Entry Door Lock	3P82	2	
3P82SS-E11E	Classroom Lock	3P82	1	
3P82SS-E11I	Single Cylinder Exit Door Lock	3P82	1	
3P82SS-E21D	Double Cylinder Escape Lock	3P82	2	
3P82SS-E23E	Storeroom Lock	3P82	1	
3P82SS-E30N	Exit Door Latch	3P82	0	
3P82TSS-A11E	Escape Office Lock - Anti-lockout	3P82	1	3P72-STA01
3P82TSS-C11E	Office Lock	3P82	1	3P72-STA01
3P82TSS-C11N	Patio Lock - turn only	3P82	0	3P72-STA01
3P82TSS-E11E	Escape Office Lock	3P82	1	3P72-STA01
3P82TSS-E11N	Exit Door Lock - turn only	3P82	0	3P72-STA01
3P82TSS-E21E	Entry Door Lock	3P82	1	3P72-STA01
3P82VSS-A11E	Entry Door Lock - Anti-vandal	3P82	1	3P72-VTA01
3P82VSS-E11E	Anti-Vandal Latch	3P82	1	3P72-VTA01
3P87SS-E11E	Dual Entry Lock - Key Lockout	3P87#	1	
3P87SS-E22E	Dual Entry Lock	3P87#	1	
3P87VSS-E11E	Dual Entry Lock - Key Lockout	3P87#	1	3P72-VTA01
3P88SS-E11E	Classroom Lock - Holdback	3P88	1	
3P88TSS-E11N	Patio Lock - turn only - Holdback	3P88	0	3P72-STA01
3P88TSS-E21E	Escape Office Lock - Holdback	3P88	1	3P72-STA01
3P88VSS-E11E	Anti-Vandal Lock - Holdback	3P88	1	3P72-VTA01

Dual Entry lock can be made from Pentagon Universal Primary lock (eg. 3P82SS) and 3P87 Dual Entry Accessory Pack (SP3P87-119SS). Lower Cylinder 3P87/101 is also required.

Pentagon™ 3P80 Series Functioning Matrix

Functioning Matrix

Sample part number 3P82TSS-E21EL is made up of eleven elements. The description of this part number is a an entry door lock with cylinder and turn, left handing, stainless steel finish. The first six elements make up the product code, an orderable item. The remaining five elements provide the settings for the lock to function as required. These can be set at the time of installation.

For example:

Product Code							Function Settings				
Backset	System	Platform	Function	Turn Adaptor	Finish	–	Hub Setting	Outside Lock Function	Inside Lock Function	Cylinder Required	Handing
3	P	8	2	T	SS		E	2	1	E	L

Backset

23mm	3

System

Pentagon Series	P

Platform

Narrow Stile	8

Function

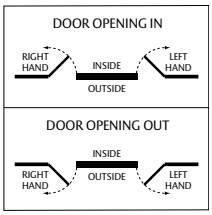
Universal Lock	2
Dual Entry Lock	7
Holdback Lock	8

Turn Adaptor

Standard Turn Adaptor	T
Emergency Turn Adaptor	E
Anti-Vandal Turn Adaptor	V

Finish

Stainless Steel	SS
Chrome Plate	CP
Polished Brass	PB



Hub Setting

Anti-Lockout & Escape	A
Combination (both handles lockable)	C
Escape (one handle always free)	E

Outside Lock Function

Passage Mode	0
Lock/Unlock Mode (unlock position)	1
Key or Turn retracts latch	2
Lock/Unlock Mode (locked position)	3

Inside Lock Function

Passage Mode	0
Lock/Unlock Mode (unlock position)	1
Key or Turn retracts latch	2
Lock/Unlock Mode (locked position)	3

Cylinder Required

External Cylinder Only	E
Double Cylinder	D
Internal Cylinder Only	I
No Cylinders	N

Handing

Left Hand	L
Right Hand	R

Product Code

1. **Backset:** 3 = Standard 23mm backset
2. **System:** Pentagon Series Platform
3. **Platform:** 8 = Narrow stile
4. **Function:** Select Lock Function required, for example 2 = Universal lock
5. **Turn Adaptor:** If a turnknob function is required indicate by T, E, or V
6. **Finish:** Select appropriate finish, eg. SS. Other finishes available on application

Function Settings

7. **Pentagon Hub Setting:** Set depending on required function eg. E for escape function
8. **Outside Lock Function:** Set depending on required function eg. 2 for key retracts latch
9. **Inside Lock Function:** Set depending on required function eg. 1 for turnknob locks or unlocks outside handle
10. **Cylinder:** Indicates whether a cylinder(s) is/are required and the position of the cylinder(s)
11. **Handing:** If applicable refer to door handing chart to determine left or right hand, for example L

For product availability please refer to the current price list, contact customer service or your local sales office.

Commercial Mortice Locks

Synergy™ Series to Pentagon™ Series Conversion Chart

Synergy Series	Pentagon Series	Function Description
3582-T#SC	3P82TSS-E11N	Exit Door Lock - turn only
3582WA#SC	3P82TSS-A11E	Escape Office Lock - Anti-lockout
3582WT#SC	3P82TSS-E11E	Escape Office Lock
3582X-#SC	3P82SS-E23E	Storeroom Lock
3582XT#SC	3P82TSS-E21E	Entry Door Lock
3582XZ#SC	3P82SS-E21D	Double Cylinder Escape Lock
3582-Z#SC	3P82SS-E11I	Single Cylinder Exit Door Lock
3582Z-#SC	3P82SS-E11E	Classroom Lock
3584ET#SC	3P82ESS-E11N	Privacy Latch
3584SC	3P82SS-A00N	Passage Latch
3584-T#SC	3P82TSS-C11N	Patio Lock - turn only
3584WT#SC	3P82TSS-C11E	Office Lock
3584XZ#SC	3P82SS-C21D	Glass Entry Door Lock
3584Z-#SC	3P82SS-C11E	Single Cylinder Glass Entry Door Lock
3584ZZ#SC	3P82SS-C11D	Double Cylinder Glass Door Lock
3588M-#SC	3P88VSS-E11E	Anti-Vandal Latch - Holdback
3588-T#SC	3P88TSS-E11N	Patio Lock - turn only - Holdback
3588XT#SC	3P88TSS-E21E	Entry Door Lock - Holdback
3588Z-#SC	3P88SS-E11E	Classroom Lock - Holdback

For product availability please refer to the current price list, contact customer service or your local sales office.

Lockwood Guarantees & Standards

Technology for the 21st century

Continued commitment to research and development ensures Lockwood product remains at the cutting edge of technology. Keyless entry has now become a reality with the launch of the exciting Nexion series, unleashing a bold, new approach to home security.

A benchmark in Australian Standards

All Lockwood mechanical locksets are designed to comply and where possible, exceed Australian Standard AS4145.2, which specifies performance requirements for strength, security, function and durability. Australian Standard AS4145.4 for padlocks was developed based on rigorous testing methods designed by Lockwood.

The Lockwood Lifetime Guarantee*

Our belief that we manufacture the finest premium products available in today's market place is backed by the Lockwood lifetime guarantee, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind, so you can get on with living.

* Visit **lockweb.com.au** for full details of the Lockwood Guarantee.

ASSA ABLOY Five Year Guarantee

ASSA ABLOY Australia Pty Limited guarantees to replace five-year branded Symmetry product if, within five years from the proven date of purchase, it tarnishes, discolours or corrodes when properly installed and subject to no more than fair wear and tear.

Everbrass Lifetime Guarantee

Everbrass® product is coated both on the exterior and interior surfaces with a lifetime anti-tarnish finish. ASSA ABLOY Australia Pty Limited warrants that Everbrass branded product will not corrode, tarnish or discolour for a lifetime when properly installed and subject to no more than fair wear and tear.

Disclaimer

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LOCKWOOD

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